

**Thursday, May 17, 2012** 

Attn: Mr. Mike Susca Leggette, Brashears & Graham 6 Executive Drive Farmington CT 06030

Project ID: DELL

Sample ID#s: BB78056, BB78058, BB78060, BB78065, BB78069 - BB78070, BB78072

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

**Laboratory Director** 

NELAC - #NY11301 CT Lab Registration #PH-0618 MA Lab Registration #MA-CT-007 ME Lab Registration #CT-007

ME Lab Registration #CT-007 RI Lab Registration #63
NH Lab Registration #213693-A,B VT Lab Registration #VT11301

NJ Lab Registration #CT-003

PA Lab Registration #68-03530

NY Lab Registration #11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report** 

May 17, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

**Sample Information** 

Matrix: **SOLID** 

**Location Code:** LBG-FARM Standard

Rush Request:

P.O.#:

**Custody Information** 

Collected by:

Received by:

SW

04/26/12

Date

11:13

04/27/12

14:34

Time

Analyzed by: see "By" below

**Laboratory Data** 

SDG ID: GBB78055 Phoenix ID: BB78056

DELL Project ID: 3C 8-9 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	05/10/12		JL	E160.3
Extraction for PCB	Completed			05/10/12		MB/K/E	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1221	ND	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1232	ND	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1242	ND	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1248	ND	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1254	1700	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1260	ND	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1262	ND	370	ug/Kg	05/11/12		MH	3540C/8082
PCB-1268	ND	370	ug/Kg	05/11/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	99		%	05/11/12		MH	30 - 150 %
% TCMX	100		%	05/11/12		MH	30 - 150 %

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Client ID: 3C 8-9

Parameter Result RL Units Date Time By Reference

# **Comments:**

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Phyllis/Shiller, Laboratory Director

May 17, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President

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**Analysis Report** 

May 17, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-FA

LBG-FARM

Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

SW

04/27/12

04/26/12 11:19

04/2//1

Date

14:34

Time

Analyzed by: see "By" below

**Laboratory Data** 

SDG ID: GBB78055

Phoenix ID: BB78058

Project ID: DELL

Client ID: 3C 10-11

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Extraction for PCB	84 Completed		%	05/10/12 05/10/12		JL MB/K/E	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	390	ug/Kg	05/11/12		МН	3540C/8082
PCB-1221	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1232	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1242	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1248	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1254	1300	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1260	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1262	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1268	ND	390	ug/Kg	05/11/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	93		%	05/11/12		MH	30 - 150 %
% TCMX	92		%	05/11/12		MH	30 - 150 %

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Client ID: 3C 10-11

Parameter Result RL Units Date Time By Reference

# **Comments:**

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**Analysis Report** 

May 17, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

**Sample Information** 

Matrix: **SOLID** 

**Location Code:** LBG-FARM

Rush Request: Standard

P.O.#:

**Custody Information** 

Collected by:

Received by:

Analyzed by:

SW

04/26/12 04/27/12

Date

11:22 14:34

Time

see "By" below

**Laboratory Data** 

SDG ID: GBB78055 Phoenix ID: BB78060

DELL Project ID:

3C 12-13 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Extraction for PCB	88 Completed		%	05/10/12 05/10/12		JL BB/K/E	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	380	ug/Kg	05/11/12		МН	3540C/8082
PCB-1221	ND	380	ug/Kg	05/11/12		MH	3540C/8082
PCB-1232	ND	380	ug/Kg	05/11/12		MH	3540C/8082
PCB-1242	ND	380	ug/Kg	05/11/12		MH	3540C/8082
PCB-1248	ND	380	ug/Kg	05/11/12		MH	3540C/8082
PCB-1254	810	380	ug/Kg	05/11/12		MH	3540C/8082
PCB-1260	ND	380	ug/Kg	05/11/12		MH	3540C/8082
PCB-1262	ND	380	ug/Kg	05/11/12		MH	3540C/8082
PCB-1268	ND	380	ug/Kg	05/11/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	95		%	05/11/12		MH	30 - 150 %
% TCMX	95		%	05/11/12		MH	30 - 150 %

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Client ID: 3C 12-13

Parameter Result RL Units Date Time By Reference

# **Comments:**

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**Analysis Report** 

May 17, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample InformationCustody InformationDateTimeMatrix:SOLIDCollected by:04/26/1211:49

Location Code: LBG-FARM Received by: SW 04/27/12

Rush Request: Standard Analyzed by: see "By" below P.O.#:

<u>Laboratory Data</u> SDG ID: GBB78055

Phoenix ID: BB78065

14:34

Project ID: DELL
Client ID: 4C 6-7

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	05/10/12		JL	E160.3
Extraction for PCB	Completed			05/10/12		BB/K/E	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	3500	ug/Kg	05/11/12		МН	3540C/8082
PCB-1221	ND	3500	ug/Kg	05/11/12		MH	3540C/8082
PCB-1232	ND	3500	ug/Kg	05/11/12		MH	3540C/8082
PCB-1242	ND	3500	ug/Kg	05/11/12		MH	3540C/8082
PCB-1248	ND	3500	ug/Kg	05/11/12		MH	3540C/8082
PCB-1254	6300	3500	ug/Kg	05/11/12		MH	3540C/8082
PCB-1260	ND	3500	ug/Kg	05/11/12		MH	3540C/8082
PCB-1262	ND	3500	ug/Kg	05/11/12		MH	3540C/8082
PCB-1268	ND	3500	ug/Kg	05/11/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	05/11/12		MH	30 - 150 %
% TCMX	Diluted Out		%	05/11/12		MH	30 - 150 %

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Client ID: 4C 6-7

Parameter Result RL Units Date Time By Reference

# **Comments:**

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**Analysis Report** 

May 17, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

**Sample Information** 

Matrix: **SOLID** 

**Location Code:** LBG-FARM Standard

Rush Request:

P.O.#:

**Custody Information** 

Collected by: Received by:

Analyzed by:

SW

04/26/12

12:01

04/27/12

Date

14:34

Time

see "By" below

**Laboratory Data** 

SDG ID: GBB78055

Phoenix ID: BB78069

DELL Project ID: 6C 1-2 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	85		%	05/10/12		JL	E160.3
Extraction for PCB	Completed			05/10/12		BB/K/E	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	390	ug/Kg	05/11/12		МН	3540C/8082
PCB-1221	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1232	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1242	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1248	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1254	3600	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1260	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1262	ND	390	ug/Kg	05/11/12		MH	3540C/8082
PCB-1268	ND	390	ug/Kg	05/11/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	100		%	05/11/12		MH	30 - 150 %
% TCMX	108		%	05/11/12		MH	30 - 150 %

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Client ID: 6C 1-2

Parameter Result RL Units Date Time By Reference

# **Comments:**

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May 17, 2012

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**Analysis Report** 

May 17, 2012

FOR: Attn: Mr. Mike Susca

SW

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

see "By" below

**Sample Information** 

Matrix: **SOLID** 

**Location Code:** LBG-FARM Standard

Rush Request:

P.O.#:

**Laboratory Data** 

**Custody Information** 

Collected by:

Received by:

Analyzed by:

SDG ID: GBB78055

Time

12:02

14:34

Phoenix ID: BB78070

Date

04/26/12

04/27/12

DELL Project ID: 6C 4-5 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	05/10/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1221	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1232	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1242	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1248	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1254	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1260	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1262	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1268	ND	360	ug/Kg	05/15/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	104		%	05/15/12		MH	30 - 150 %
% TCMX	94		%	05/15/12		MH	30 - 150 %

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Client ID: 6C 4-5

Parameter Result RL Units Date Time By Reference

### **Comments:**

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May 17, 2012

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**Page 12 of 14** Ver 2



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**Analysis Report** 

May 17, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

**Sample Information Custody Information** Date Time 12:09 Matrix: **SOLID** Collected by: 04/26/12 04/27/12 14:34

**Location Code:** LBG-FARM Received by: SW

Analyzed by: Rush Request: Standard see "By" below P.O.#:

**Laboratory Data** SDG ID: GBB78055

Phoenix ID: BB78072

DELL Project ID: 6C 6-7 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	95		%	05/10/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	340	ug/Kg	05/16/12		МН	3540C/8082
PCB-1221	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1232	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1242	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1248	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1254	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1260	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1262	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1268	ND	340	ug/Kg	05/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	05/16/12		MH	30 - 150 %
% TCMX	94		%	05/16/12		MH	30 - 150 %

Page 13 of 14 Ver 2

Client ID: 6C 6-7

Parameter Result RL Units Date Time By Reference

### **Comments:**

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ND=Not detected BDL=Below Detection Level RL=Reporting Level

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May 17, 2012

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**Page 14 of 14** Ver 2



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

May 17, 2012

PCB-1254

PCB-1260

PCB-1262

# QA/QC Data

SDG I.D.: GBB78055 LCS LCSD LCS MS MSD MS Rec **RPD** Blank **RPD** Parameter % RPD Limits Limits % % % QA/QC Batch 199536, QC Sample No: BB78064 (BB78055, BB78064, BB78066, BB78067, BB78068, BB78071, BB78073, BB78074, BB78075, BB78078) Polychlorinated Biphenyls - Solid PCB-1016 102 105 2.9 40 - 140 30 PCB-1221 ND 40 - 140 30 PCB-1232 ND 40 - 140 30 ND PCB-1242 40 - 140 30 PCB-1248 ND 40 - 140 30 ND PCB-1254 30 40 - 140 PCB-1260 ND 109 111 1.8 40 - 140 30 PCB-1262 ND 40 - 140 30 PCB-1268 ND 40 - 140 30 % DCBP (Surrogate Rec) 97 96 105 9.0 30 - 150 30 % TCMX (Surrogate Rec) 86 85 93 9.0 30 - 150 30 Comment: \* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits. QA/QC Batch 200471, QC Sample No: BB78065 (BB78065, BB78069) Polychlorinated Biphenyls - Solid PCB-1016 91 91 0.0 40 - 140 30 PCB-1221 ND 40 - 140 30 PCB-1232 ND 40 - 140 30 PCB-1242 ND 40 - 140 30 PCB-1248 ND 40 - 140 30 PCB-1254 ND 40 - 140 30 PCB-1260 ND 91 94 3.2 40 - 140 30 ND 30 PCB-1262 40 - 140 PCB-1268 ND 40 - 140 30 85 30 - 150 % DCBP (Surrogate Rec) 98 86 1.2 30 % TCMX (Surrogate Rec) 98 84 86 2.4 30 - 150 30 Comment: The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within OA/OC limits QA/QC Batch 200580, QC Sample No: BB78072 (BB78070, BB78072) Polychlorinated Biphenyls - Solid PCB-1016 ND 115 120 4.3 119 125 4.9 40 - 140 30 PCB-1221 ND 40 - 140 30 ND PCB-1232 40 - 140 30 PCB-1242 ND 40 - 140 30 PCB-1248 ND 40 - 140 30

104

112

7.4

128

139

8.2

40 - 140

40 - 140

40 - 140

30

30

30

ND

ND

ND

# QA/QC Data

SDG I.D.: GBB78055

Phyllis/Shiller, Laboratory Director

May 17, 2012

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	86	83	3.6	88	90	2.2	30 - 150	30
% TCMX (Surrogate Rec)	95	90	85	5.7	91	90	1.1	30 - 150	30
QA/QC Batch 200466, QC S	Sample No: BB84389 (BB	78056, BB78058, BB78	3060)						
Polychlorinated Biphe	nyls - Solid								
PCB-1016	ND	99	103	4.0	91	100	9.4	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	102	116	12.8	95	107	11.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	104	89	96	7.6	99	111	11.4	30 - 150	30
% TCMX (Surrogate Rec)	119	76	80	5.1	71	81	13.2	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Thursday, May 17, 2012

# **Sample Criteria Exceedences Report**

Requested Criteria: GAM, GBM, RC

Request	ed Chleria: GA	IVI, GBIVI, RC				GBB78055					Factored	
SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	RL Criteria	Analysis Units
BB78055	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	2400	360	1000	1000	ug/Kg
BB78056	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1700	370	1000	1000	ug/Kg
BB78058	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1300	390	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1016	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1221	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1232	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1242	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1248	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	6300	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1260	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1262	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78065	LBG-FARM	\$PCB_SOXR	PCB-1268	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	3500	1000	1000	ug/Kg
BB78066	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	2200	360	1000	1000	ug/Kg
BB78067	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	2000	380	1000	1000	ug/Kg
BB78068	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	4400	380	1000	1000	ug/Kg
BB78069	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	3600	390	1000	1000	ug/Kg
BB78073	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	3400	350	1000	1000	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

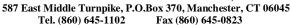
Page 1 of 1

# Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. Client: LBG-FARM Project Location: DELL **Project Number:** Laboratory Sample ID(s): BB78055, BB78056, BB78057, BB78058, BB78059, BB78060, BB78061, BB78062, BB78063, BB78064, BB78065, BB78066, BB78067, BB78068, BB78069, BB78070, BB78071, BB78072, BB78073, BB78074, BB78075, BB78076, BB78077, BB78078 **Sampling Date(s):** 4/26/2012 **RCP Methods Used:** 6010 1311/1312 7000 7196 7470/7471 8081 ☐ EPH TO15 **✓** 8082 8270 9010/9012 □ VPH 8151 8260 ETPH For each analytical method referenced in this laboratory report package, were all ✓ Yes □ No specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP methodspecific Reasonable Confidence Protocol documents? Were the method specified preservation and holding time requirements met? ✓ Yes □ No EPH and VPH methods only: Was the VPH or EPH method conducted without 1b. ☐ Yes ☐ No **✓** NA significant modifications (see section 11.3 of respective RCP methods) 2. Were all samples received by the laboratory in a condition consistent with that ✓ Yes No. described on the associated Chain-of-Custody document(s)? Were samples received at an appropriate temperature (< 6 Degrees C)? 3. ✓ Yes □ No □ NA Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol 4. ✓ Yes □ No documents achieved? Were reporting limits specified or referenced on the chain-of-custody? 5a. ✓ Yes No. Were these reporting limits met? 5b. ✓ Yes □ No □ NA For each analytical method referenced in this laboratory report package, were results 6. ✓ Yes No □ NA reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents? Are project-specific matrix spikes and laboratory duplicates included in the data set? 7. ✓ Yes □ No □ NA Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. Date: Thursday, May 17, 2012 Authorized Printed Name: Maryam Taylor Signature:

Position: Project Manager







# **RCP Certification Report**

May 17, 2012

**SDG I.D.: GBB78055** 

### **PCB Narration**

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

**Instrument:** Au-ecd35 05/11/12-1 (BB78056, BB78058, BB78060, BB78065, BB78069)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/11/2012

**Instrument:** Au-ecd4 05/15/12-1 (BB78070, BB78072)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/15/2012

**Instrument:** Au-ecd5 05/03/12-1 (BB78068)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist 5/3/2012

**Instrument:** Au-ecd6 05/01/12-1 (BB78078)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



# **RCP Certification Report**

May 17, 2012

**SDG I.D.: GBB78055** 

Printed Name Michael Hahn Position: Chemist Date: 5/1/2012

**Instrument:** Au-ecd8 05/01/12-1 (BB78055, BB78064, BB78066, BB78067, BB78073, BB78074,

BB78075)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/1/2012

QC Comments: QC Batch 00471 05/10/12 (BB78065, BB78069)

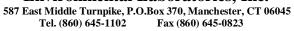
The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

**QC** Comments: QC Batch 99536 04/30/12 (BB78055, BB78064, BB78066, BB78067, BB78068,

BB78071, BB78073, BB78074, BB78075, BB78078)

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.







# **RCP Certification Report**

May 17, 2012

SDG I.D.: GBB78055

<b>QC (Site Specific)</b> Sample No: BB78064, QA/QC Batch: 199536
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Sample No: BB78065, QA/QC Batch: 200471
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Sample No: BB78072, QA/QC Batch: 200580
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 40 - 140 with the following exceptions: None.
All MSD recoveries were within 40 - 140 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.  QC (Batch Specific)
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PHOHINK Environmental Laboratories, Inc.

# 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040 Email: info@phoenixlabs.com Fax (860) 645-0823 CHAIN OF CUSTODY RECORD

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Data Delivery:

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Email:

Client Services (860) 645-8726

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### SHOP STORES 9 NJ Reduced Deliv. \* NJ Hazsite EDD Phoenix Std Report <u>ā</u> (860) 678-0606 (860) 678-0404 Data Package ASP-A NJ Reduced NJ Hazsite E Phoenix Std Data Format Excel PDF GIS/Key EQUIS Other OR BASE TO BE SEED TO Temp Data Delivery: Project P.O: MCP Certification GW-1 GW-2 GW-3 S-1 S-1 S-3 Email: Phone #: Fax#: MWRA eSMART Fax#: СТ State where samples were collected: <del>-</del> <del>--</del> <del>--</del> \_ \_ ~ <del>-</del> ₹-GB Mobility SW Protection Res. DEC 587 East Middle Tumpike, P.O. Box 370, Manchester, CT 06040 Email: info@phoenixlabs.com Fax (860) 645-0823 Res. Criteria RCP Cert GW Protect GA Mobility Ind. DEC Other CHAIN OF CUSTODY RECORD Client Services (860) 645-8726 Mike Susca, LBG Mike Susca, LBG \* SURCHARGE APPLIES **Turnaround:** 1 Day\* 2 Days\* 3 Days\* Standard Other DELL 222 Time: Invoice to: Report to: GO SECT Analysis Request Project: Please freeze all held samples. Held samples may be analyzed for PCBs بخر × X Х X У 121/ X Date: Sampled 1153 1303 (50%) 17.10 12021 Time 2021 82 2051 Ė -1300 150 4/26/2012 Date Sampled 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 Date: Client Sample - Information - Identification S=soil/solid O=oil A=air X=other Leggette, Brashears & Graham, Inc. Sample Matrix Environmental Laboratories, Inc. S S S S S S S S S တ S S Samo 6 Executive Drive Suite 109 Comments, Special Requirements or Regulations: Accepted by: 52:0-0 シローシス・ロ 2.0-0 Farmington, CT 06032 0.25-05 シープ Customer Sample エグ 28 6-7 7-1 えん WW≃wastewater SL≕sludge Identification B હ હ Ş J pending initial results. Ĭ 7 <u>Matrix Code:</u> DW=drinking water GW=groundwater 32031 名の人 8075 EL08 200 Customer: Refinquished 800 Phoenix Sample # 8078 8998 Address: 1887 \$ 807 780C Sampler's Signature